

Print

Organization Name	Regional Water Authority *
Tax ID	680216991
Proposal Name	American River Basin IRWM Implementation Program *
Proposal Objective	The proposal objective is to implement priority regional projects that contribute to ensuring water supplies for all uses in a sustainable environment. *

Other Contribution	\$30,500.00
Local Contribution	\$33,117,969.00
Federal Contribution	\$100,000.00
Inkind Contribution	\$4,182,777.00
Amount Requested	\$16,222,222.00
Total Project Cost	\$53,653,468.00

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification	Location	RWA Office Location
County	Placer,El Dorado,Sacramento *	
Ground Water Basin	Sacramento Valley-North American,Sacramento Valley-South American,San Joaquin Valley-Cosumnes	
Hydrologic Region	Sacramento River,San Joaquin	
Watershed	Valley-American (79 5519), North Valley Floor (91 6531)	

Assembly District	4th Assembly District,5th Assembly District,9th Assembly District,10th Assembly District,15th Assembly District *
Senate District	1st Senate District,4th Senate District,5th Senate District,6th Senate District *
US Congressional District	District 3 (CA),District 4 (CA),District 5 (CA) *

Project Name City of Roseville ASR Program - Phase 2

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-New Water Supply Facilities	1.71	This project constructs wellhead facilities on two existing groundwater wells within the City of Roseville. The project provides up to 1.71 mgd (1,920 AY) of extraction capacity to the City's system.
Primary	Conveyance-Water Supply Enhancement	1920	This project constructs wellhead facilities at two existing groundwater wells. The project will provide up to 1,920 AFY of groundwater extraction and conveyance capacity for the City of Roseville.
Primary	Water Storage -- Groundwater-Water Supply Enhancement	480	This project adds wellhead facilities to two existing groundwater wells and supplies up to 480 AFY of injection capacity for the City of Roseville
Secondary	Groundwater Management-Water level measurements taken	0	This project will construct wellhead facilities on two existing groundwater wells. Once the wells are operational, the City of Roseville will monitor groundwater levels in these wells as part of well/ASR Program operations.

Other Contribution	0
Local Contribution	2311887
Federal Contribution	0

Inkind Contribution	125626
Amount Requested	2000000
Total Project Cost	4437513

Geographic Information

Latitude DD(+/-)	38	MM 47	SS 7
Longitude DD(+/-)	121	MM 21	SS 36
Longitude/Latitude Clarification	Location The Hayden Parkway well is located on Hayden Parkway at Fiddymment Road in the City of Roseville. The \		

County	Pl
Ground Water Basin	Sa
Hydrologic Region	Sa
WaterShed	Ve

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information**Project Benefits Information**

Project Name

Secret Ravine Fish Passage Improvement Proj

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Ecosystem: Riparian Habitat	0.02	This project will restore riparian and floodplain habitat (including reducing erosion on banks and substrate) in Secret Ravine, a perennial stream in western Placer County.
Primary	Fish Passage/Screens	0	This project restore natural channel and flood plain function in Secret Ravine. The removal of the bridge sill and pipelines will free passage for salmonids inhabiting the creek.
Secondary	Flood Protection	0	This project restores natural channel and floodplain function and increase channel capacity by removing bridges and pipelines, re-contouring stream banks and adding nature-mimicking structures. The resulting channel shape will provide for overbank flows and will flood adjacent open space area and relieve flooding of more-constricted developed areas.
Secondary	Erosion Control-Bank Restoration/Stabilization	0.05	This project will restore the natural channel shape and floodplain function of Secret Ravine, which will reduce the erosion of the stream banks and substrate as well as in the adjacent floodplain.
Secondary	Interpretive Enhancements-Educational	0	This project includes the trail improvements along Secret Ravine to encourage users to visit the site and observe fish migration and spawning. Interpretative signs will also be installed information visitors about the salmon life cycle and the importance of good watershed practices.
Secondary	Trail construction/Improvement	0.30	This project includes trail improvements along Secret Ravine to encourage visitors to use the train and observe

			fish migration and spawning.
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Budget

Other Contribution	30500
Local Contribution	38157
Federal Contribution	0
Inkind Contribution	52402
Amount Requested	314766
Total Project Cost	435825

Geographic Information

Latitude DD(+/-)	38	MM 45	SS 39
Longitude DD(+/-)	121	MM 15	SS 17
Longitude/Latitude Clarification	Location	The project is located in the City of Roseville near the intersectio	

County	Placer
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	4th Assembly District
Senate District	1st Senate District
US Congressional District	District 4 (CA)

Project Information**Project Benefits Information**

Project Name

Shasta Park Reservoir and Well Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Other-New Water Supply Facilities	2	This project includes the construction of a 2 MGD groundwater well, a 4 MG reservoir, a booster pump station and ancillary facilities to support operations.
Primary	Conveyance-Water Supply Enhancement	2250	This project includes the construction of a new 2 MGD well and a 4 MG reservoir. These infrastructure additions will allow for the extraction and transmission of up to 2,250 AFY of additional groundwater.
Primary	Water Storage -- Conjunctive-Water Supply Enhancement	2250	This project includes construction of a new 2 MGD well and a 4 MG reservoir. These new facilities will allow for the extraction and storage of up to 2,250 AFY of groundwater for use the City's conjunctive use program.
Primary	Emergency Response	0	This project includes construction of a 4 MG reservoir. This reservoir will improve system pressures and correct emergency and fire suppression water supply deficiencies.
Secondary	Interpretive Enhancements-Educational	0	This project will include the installation of information kiosks at the project site which will provide information/educate the public about the City's water system and the importance of effective water management.
Secondary	Watershed Coordination	0	This project will reduce impacts on the lower American River through increased conjunctive use ability. This will further the regional management of the American River watershed to ensure sufficient water to meet environmental needs in dry years.

Budget

Other Contribution	0
Local Contribution	11654423
Federal Contribution	0
Inkind Contribution	955270
Amount Requested	1000000
Total Project Cost	13609693

Geographic Information

Latitude DD(+/-)	38	MM 27	SS 12
Longitude DD(+/-)	121	MM 24	SS 55
Longitude/Latitude Clarification	Location	The Shasta Park groundwater well is located in the City of Sacrame	

County	Sacramento
Ground Water Basin	Sacramento Valley-South American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	15th Assembly District
Senate District	6th Senate District
US Congressional District	District 5 (CA)

Project Information**Project Benefits Information**

Project Name

SRCS/SPA Recycled Water Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Conveyance-Water Supply Enhancement	1000	This project includes the construction of a recycled water pipeline from the existing Water Reclamation Facility to the Campbell Soup Cogeneration Plant.
Primary	Water Use Efficiency - Recycling-Water Supply Enhancement	1000	This project will provide up to 1,000 AFY (or approximately 1 MGD) of tertiary-treated recycled water to the Campbell Soup Cogeneration Plant to replace the same volume of potable supplies currently being used in the plant's cooling towers.
Secondary	Other-Water quality in general	0	This project will improve the water quality in the Sacramento River by diverting effluent discharges for beneficial use.

Budget

Other Contribution	0
Local Contribution	6149275
Federal Contribution	0
Inkind Contribution	668515
Amount Requested	1566000
Total Project Cost	8383790

Geographic Information

Latitude DD(+/-)	38	MM 26	SS 57
Longitude DD(+/-)	121	MM 27	SS 49
Longitude/Latitude Clarification	Location	The pipeline begins at the Sacramento Regional Wastewater Treatment Plant, loca	

County	Sacramento
Ground Water Basin	Sacramento Valley-South American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	15th Assembly District
Senate District	6th Senate District
US Congressional District	District 3 (CA)

Project Information**Project Benefits Information**

Project Name

Willow Hill Rehabilitation Project

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Best Mgt. Practices- Water Supply Enhancement	1100	This project will rehabilitate a leaking transmission main, saving the City of Folsom up to 1,100 AFY in water loss.
Secondary	Climate Change Impacts	0	This project will rehabilitate the Willow Hill pipeline, eliminating current water losses of approximately 1 MGD. In saving this water, this project will reduce energy use by around 512 Mwh per year through avoided pumping and treatment costs.

Budget

Other Contribution	0
Local Contribution	4844964
Federal Contribution	0
Inkind Contribution	882835
Amount Requested	1950000
Total Project Cost	7677799

Geographic Information

Latitude DD(+/-)	38	MM 38	SS 46
Longitude DD(+/-)	121	MM 9	SS 18
Longitude/Latitude Clarification	Location The Willow Hill Pipeline begins at the Water Treatment Plant in the City of Fo		

County	Sacramento
Ground Water Basin	Sacramento Valley-South American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	5th Assembly District
Senate District	1st Senate District
US Congressional District	District 3 (CA)

Project Information**Project Benefits Information**

Project Name

Lower American River Mile 0.5 Aquatic Riparia

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Ecosystem: Lowland Floodplains and Bypassess	3.30	This project will restore 3.3 acres of floodplain habitat in the lower American River.
Primary	Ecosystem: Upland Habitat	5	This project will restore 5 acres of upland riparian forest along mile 0.5 of the lower American River.
Primary	Eradication/Treatment of Invasive Species	5	As part of the restoration of upland habitat, this project will remove non-native and

			invasive species along 5 acres of the lower American River.
Secondary	Erosion Control-Bank Restoration/Stabilization	0.20	This project includes the shaping of approximately 0.2 miles of the existing bank along the lower American River. This work includes excavating from the existing bank, lower the bank along the existing shoreline, creating a variably-sloped area extending approximately 120 feet inland, and creating a number of elevated benched areas.
Tertiary	Other-General Public Recreation	0	The improvement of fish habitat will provide indirect fishing benefits by increasing the likelihood that fish born in the American River will return as adults. Additionally, boaters will find that the project adds visual interest to the landscape, and migratory birds using the riparian zone may be appreciated by birders.
Tertiary	Other-Educational	0	This project will increase the presence of wild fish, making neighboring interpretative opportunities more meaningful.
Tertiary	Stormwater Flood-Water Quality Improvement	0	The increase in permanently inundated areas and increased in inundation frequency will expand the contaminant buffering capacity of these riparian areas and decrease pollutant loading to the American River.
Tertiary	Water Storage -- Groundwater-Recharge area developed	0	Widening the inundated area at mile 0.5 of the lower American River should increase the area available for groundwater recharge by a small amount.

Budget

Other Contribution	0
Local Contribution	1211889
Federal Contribution	0
Inkind Contribution	49000
Amount Requested	1425000
Total Project Cost	2685889

Geographic Information

Latitude DD(+/-)	38	MM 36	SS 10
Longitude DD(+/-)	121	MM 30	SS 7
Longitude/Latitude Clarification	Location This project is located on where the American River		

County	Sacramento
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	9th Assembly District
Senate District	6th Senate District
US Congressional District	District 5 (CA)

Project Information**Project Benefits Information**

Project Name	Lower Cosumnes River Floodplain Restoration
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Project Benefit Type	Benefit Type	Measurement	Description
Primary	Ecosystem: Lowland Floodplains and Bypasses	143	This project will add 143 acres of floodplain and tule marsh sloughs to the project site along the Lower Cosumnes River.
Primary	Trail construction/Improvement	0.09	This project includes the construction of 500 lineal feet (~0.09 miles) of ADA accessible paths.
Primary	Other-General Public Recreation	0	This project includes the construction of three ADA accessible hunting blinds to provide facilities for children and disabled adults.
Primary	Fish Passage/Screens	0	This project includes the installation of fish exclusion screens on existing water intake structures at the project site.
Secondary	Flood Control/Protection Corridor	143	While the floodplain area restored by this project is not newly acquired, this project does allow for floodplain connectivity that was previously not available except during extreme events.
Secondary	Other-Educational	0	This restoration project will include educational and volunteering opportunities for youths and other Preserve visitors.
Secondary	Water Storage -- Groundwater-Recharge area protected	143	While the project area was already protected and allowed for recharge, the recharge opportunities provided by the site are now enhanced through the expanded connectivity of the floodplain.
Secondary	Climate Change Impacts	0	Assuming a 50 year life for the habitat restoration, this project will sequester a total of 12,700 tons of CO2 over the project life.
Tertiary	Stormwater Flood-Water Quality Improvement	0	This project allows for expanded pollutant buffering capacity of the riparian areas and a corresponding decrease in pollutant loading to the Cosumnes River.

Budget

Other Contribution	0
Local Contribution	405714
Federal Contribution	100000
Inkind Contribution	186600
Amount Requested	420000
Total Project Cost	1112314

Geographic Information

Latitude DD(+/-)	38	MM 15	SS 50
Longitude DD(+/-)	121	MM 22	SS 56
Longitude/Latitude Clarification	Location	This project is located on the Cosumnes River, ne	

County	Sacramento
Ground Water Basin	San Joaquin Valley-Cosumnes
Hydrologic Region	San Joaquin
WaterShed	North Valley Floor

Legislative Information

Assembly District	26th Assembly District
Senate District	14th Senate District
US Congressional District	District 3 (CA)

Project Information

Project Benefits Information

Project Name

OHWD/Rancho Murieta Groundwater Recharge

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Monitoring wells installed	0	This project includes the construction of at least one groundwater monitoring well at the spreading basin site to assess impacts to groundwater.
Primary	Groundwater Management-Water level measurements taken	0	As a result of this project, groundwater levels in the project vicinity are expected to increase between two and five feet over the next ten years. Groundwater elevation readings will be taken in the monitoring well installed as part of the project to access project success.
Primary	Other-New Water Supply Facilities	0.86	This project includes construction of a new intake at Blodgett Dam to divert water, a culvert to connect the intake facilities to new spreading basins for groundwater recharge. The project also includes construction of a new extraction well capable of pumping between 500 and 600 gallons per minute, and a 5,000-foot 10-inch diameter pipeline to connect the wellhead facilities to RMCS D's distribution system.
Primary	Conveyance-Water Supply Enhancement	4000	This project includes construction of a culvert to convey 4,000 AFY of water from the Cosumnes River to spreading basins for groundwater recharge, and a 5,000-foot 10-inch diameter transmission pipeline to convey extracted groundwater to the RMCS D distribution system.
Primary	Water Storage -- Groundwater-Recharge area developed	4000	This project will divert 4,000 AFY of available water from the Cosumnes River to spreading basins for groundwater recharge.
Primary	Emergency Response	0	This project will provide Rancho Murieta Community Services District (RMCS D) with a drought year and emergency water supply.

Budget

Other Contribution	0
Local Contribution	925375
Federal Contribution	0
Inkind Contribution	45015
Amount Requested	1498456
Total Project Cost	2468846

Geographic Information

Latitude DD(+/-)	38	MM 27	SS 21
Longitude DD(+/-)	121	MM 12	SS 48
Longitude/Latitude Clarification	Location	This project is located on the Consumnes River, northeast	

County	Sacramento
Ground Water Basin	San Joaquin Valley-Cosumnes
Hydrologic Region	San Joaquin
WaterShed	Valley - American

Legislative Information

Assembly District	15th Assembly District
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Senate District	1st Senate District		
US Congressional District	District 3 (CA)		

Project Information

Project Benefits Information

Project Name Regional Indoor and Outdoor Water Efficiency

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Conservation-Best Mgt. Practices	0	This project will implement four separate water conservation components: (1) interior water efficiency fixture retrofits, primarily targeted at disadvantaged communities (DACs); (2) exterior residential water use surveys and upgrades; (3) exterior water use surveys and upgrades for commercial, industrial and institutional (CII) and agricultural irrigation water use; and (4) the preparation of water use budgets for accounts with dedicated landscape meters. This project will save 9,615 AF of water over the project life and will directly benefit DACs in the project service areas.
Secondary	Climate Change Impacts	0	This project will save 9,615 AF over the life of this project which translates to a savings of 6,331 MWh over the 25-year project life and a CO2 emissions reduction of 2,532 metric tons over the project life.

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1000000
Total Project Cost	1000000

Geographic Information

Latitude DD(+/-)	38	MM 40	SS 6
Longitude DD(+/-)	121	MM 16	SS 26

Longitude/Latitude Clarification Location This project is located through

County	Sacramento
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	4th Assembly District,5th Assembly District,9th Assembly District,10th Assembly District,15th Assembly District
Senate District	1st Senate District,4th Senate District,5th Senate District,6th Senate District
US Congressional District	District 3 (CA),District 4 (CA),District 5 (CA)

Project Information

Project Benefits Information

Project Name North Antelope Booster Pump Station

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Other	0	This project will allow water purveyors in the San Juan Water District wholesale service area to reduce their use of surface water supplies in dry years by maximizing

			regional conjunctive use.
Primary	Conveyance-Water Supply Enhancement	3300	This project will construct a booster pump station with a design flow of 4,200 gallons per minute. This pump station will pump groundwater produced from wells in the Sacramento Suburban Water District's (SSWD) North Service Area eastward into the Antelope and Cooperative Transmission Pipelines for conveyance to the various San Juan Water District (SJWD) retail customers.
Primary	Watershed Coordination	0	This project will engage three new agencies in a regional conjunctive use program and will reduce impacts on the lower American River through increased conjunctive use ability.
Primary	Emergency Response	0	This project will provide an emergency intertie connection between Sacramento Suburban Water District and San Juan Water District.

Budget

Other Contribution	0
Local Contribution	543492
Federal Contribution	0
Inkind Contribution	109920
Amount Requested	265000
Total Project Cost	918412

Geographic Information

Latitude DD(+/-)	38	MM 42	SS 28
Longitude DD(+/-)	121	MM 19	SS 54
Longitude/Latitude Clarification	Location The project is located at 5660 Antelope		

County	Sacramento
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	5th Assembly District
Senate District	6th Senate District
US Congressional District	District 3 (CA)

Project Information**Project Benefits Information**

Project Name	Coyle Avenue and Roseview Park Pump Stations and Treatment
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Budget

Other Contribution	0
Local Contribution	3841027
Federal Contribution	0
Inkind Contribution	394510
Amount Requested	1500000
Total Project Cost	5735537

Geographic Information

Latitude DD(+/-)	38	MM 40	SS 4
Longitude DD(+/-)	121	MM 18	SS 56
Longitude/Latitude Clarification	Location The Coyle Avenue well is located on the northeasterly corner of the Coyle Avenue Elementary School soccer		

County	
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Ground Water Basin	
Hydrologic Region	
WaterShed	

Legislative Information

Assembly District	10th Assembly District
Senate District	6th Senate District
US Congressional District	District 3 (CA)

Project Information**Project Benefits Information**

Project Name Sleepy Hollow Detention Basin Retrofit

Budget

Other Contribution	0
Local Contribution	593040
Federal Contribution	0
Inkind Contribution	155344
Amount Requested	225000
Total Project Cost	973384

Geographic Information

Latitude DD(+/-)	38	MM 27	SS 0
Longitude DD(+/-)	121	MM 18	SS 53
Longitude/Latitude Clarification	Location	This project is located just south of the intersection of '	

County	Sacramento
Ground Water Basin	Sacramento Valley-South American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	15th Assembly District
Senate District	1st Senate District
US Congressional District	District 3 (CA)

Project Information**Project Benefits Information**

Project Name E.A. Fairbairn Groundwater Well Project

Budget

Other Contribution	0
Local Contribution	333694
Federal Contribution	0
Inkind Contribution	244760
Amount Requested	1000000
Total Project Cost	1578454

Geographic Information

Latitude DD(+/-)	38	MM 33	SS 25
Longitude DD(+/-)	121	MM 24	SS 59
Longitude/Latitude Clarification	Location	The E.A. Fairbairn groundwater well is located on the E.A. Fa	

County	Sacramento
Ground Water Basin	Sacramento Valley-South American

Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	10th Assembly District
Senate District	6th Senate District
US Congressional District	District 5 (CA)

Project Information**Project Benefits Information**

Project Name Antelope Creek Water Efficiency and Flood Co

Budget

Other Contribution	0
Local Contribution	265032
Federal Contribution	0
Inkind Contribution	268195
Amount Requested	1134000
Total Project Cost	1667227

Geographic Information

Latitude DD(+/-)	38	MM 45	SS 38
Longitude DD(+/-)	121	MM 15	SS 44
Longitude/Latitude Clarification	Location The project is located in the City of Roseville northeast of the inter		

County	Placer
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	4th Assembly District
Senate District	4th Senate District
US Congressional District	District 4 (CA)

Project Information**Project Benefits Information**

Project Name Regional Water Meter Retrofit Acceleration Pro

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	44785
Amount Requested	924000
Total Project Cost	968785

Geographic Information

Latitude DD(+/-)	38	MM 40	SS 6
Longitude DD(+/-)	121	MM 16	SS 26
Longitude/Latitude Clarification	Location Retrofits are located in multiple :		

County	Sacramento
Ground Water Basin	Sacramento Valley-North American
Hydrologic Region	Sacramento River
WaterShed	Valley - American

Legislative Information

Assembly District	4th Assembly District,9th Assembly District,15th Assembly District
Senate District	1st Senate District,6th Senate District
US Congressional District	District 3 (CA),District 5 (CA)

Section : Applicant Information and Question's Tab**APPLICANT INFORMATION AND QUESTION'S TAB****Q1. PROPOSAL DESCRIPTION**

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The American River Basin IRWM Implementation Program includes 15 projects to address the region's water supply, demand reduction, stormwater and floodplain management, flood protection, ecosystem restoration, and recycled water objectives, and provide ancillary recreation and education benefits. -The City of Roseville ASR Program - Phase 2 Project will install two Aquifer Storage and Recovery wells, each with an injection capacity of 900 gallons per minute (gpm) and extraction capacity of 1,800 gpm, yielding an average 480 acre-feet per year (AFY). -The Secret Ravine Fish Passage Improvement Project restores channel and floodplain function and increases channel capacity by removing a bridge and pipelines and recontouring stream banks. The project ensures access to upstream salmonid spawning and rearing habitat during low flows. -The E. A. Fairbairn Groundwater Well Project will construct a 1,400 gpm well to provide up to 2,250 AF in dry years. -The Shasta Park Reservoir and Well Project will construct a 1,400 gpm well, a 4 million gallon reservoir, and booster pump station, providing up to 2,250 AF in dry years and addressing low pressure and fire flow concerns to a disadvantaged community. -The Antelope Creek Water Efficiency and Flood Control Improvement Project includes gunite lining a canal and constructing an on-channel flood control weir to conserve up to 125 AFY and reduce peak flow from a 100-year storm by 530 cubic feet second on Antelope Creek in Roseville. -The Regional Water Meter Retrofit Acceleration Project will accelerate the installation of 840 residential meters to conserve an estimated 126 AFY. -The Regional Indoor and Outdoor Water Efficiency Project consists of four components: (1) no-cost interior water efficiency fixture retrofits, targeted at disadvantaged communities; (2) exterior residential water use surveys and upgrades; (3) water use surveys and upgrades for large landscapes; and (4) preparing water use budgets for accounts with dedicated landscape meters. The estimated conservation from the project is 480 AFY. -The Recycled Water for the SMUD Co-Generation Facility Project will construct transmission pipelines, storage tanks, and booster pumps to provide recycled water, replacing 1,000 AFY of potable water currently used for cooling. -The North Antelope Booster Pump Station Project will construct a 4,200 gpm booster pump to provide for reverse flow in a regional pipeline allowing additional banking and exchange in the region. -The Coyle Avenue and Roseview Park Pump Stations and Water Treatment Systems Project will construct two wells with capacities of 1,800 gpm and 1,400 gpm. The wells are expected to yield an average of 2,000 AFY. -The Willow Hill Pipeline Rehabilitation Project includes lining and other repairs of the Willow Hill Pipeline and Reservoir resulting in water savings of 1,100 AFY. -The Aquatic and Riparian Habitat Enhancement in the Lower American River at River Mile 0.5R Project will increase the frequency of flooded habitat for fish in the American and Sacramento rivers and improve riparian habitat for birds and other wildlife at a 3.3 acre site. -The Lower Cosumnes River Floodplain Restoration Project will include levee breaching, re-creating historic sloughs and off-channel wetlands, and installing fish screens to create 143 acres of floodplain, riparian forest and juvenile salmon rearing habitat. -The OHWD/Rancho Murieta Groundwater Recharge Project will construct a spreading basin adjacent to the Cosumnes River to recharge up to 4,000 AFY and a 600 gpm recovery well to reduce supply deficits in Rancho Murieta. The well will increase supply by about 300 AFY. -The Sleepy Hollow Detention Basin Retrofit Project will modify a 6.3 acre flood detention basin to create perennial channels to treat summer irrigation flows and seasonal wetland areas to capture large storm flows and winter runoff, expand riparian habitat, and increase stormwater recharge.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

John K. Woodling Executive Director Regional Water Authority 916-967-792 jwoodling@rwah2o.org

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Robert J. Swartz Principal Project Manager Regional Water Authority 916-967-7692 rswartz@rwah2o.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Regional Water Authority 5620 Birdcage Street, Suite 180 Citrus Heights, CA 95610

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

The ARB IRWM is primarily in the Sacramento River funding area, but it also includes the northernmost part of the San Joaquin River funding area. In the proposal 13 of the 15 projects are within the Sacramento River funding area and two of the 15 projects (Project 13 and Project 14) are located within the San Joaquin River funding area. Projects 13 and 14 provide benefit to the Sacramento River funding area via benefits to the common underlying groundwater basin.

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Central Valley Regional Water Quality Control Board

Q7. ELIGIBILITY

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

N/A

Q8. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

Yes. American River Basin.

Q9. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

- a) Yes
b) No

Q10. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

A total of 11 urban water suppliers will receive funds from the grant. These agencies are either primary project proponents or will participate in the regional projects for which Regional Water Authority is the project proponent. The following urban water suppliers, listed in the order in which their AB1420 and meter compliance certification is provided in Attachment 13, will receive benefit from the grant funds: City of Folsom City of Roseville Sacramento Suburban Water District Carmichael Water District Citrus Heights Water District City of Sacramento El Dorado Irrigation District Orange Vale Water Company Placer County Water Agency Sacramento County Water Agency San Juan Water District

Q11. ELIGIBILITY

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes. Yes.

Q12. ELIGIBILITY

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

No.

Q13. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Yes. City of Roseville ASR Program ??? Phase 2 ??? City of Roseville E.A. Fairbairn Groundwater Well Project ??? City of Sacramento Shasta Park Reservoir and Well Project ??? City of Sacramento Antelope Creek Water Efficiency and Flood Control Improvement Project ??? Placer County Flood Control and Water Conservation District & Placer County Water Agency North Antelope Booster Pump Station Project ??? Sacramento Suburban Water District Coyle Avenue & Roseview Park Pump Stations and Treatment Systems Project ??? Sacramento Suburban Water District OHWD/Rancho Murieta Groundwater Recharge Project ??? Omochumne-Hartnell Water District & Rancho Murieta Community Services District Sleepy Hollow Detention Basin Retrofit Project ??? City of Elk Grove

Q14. ELIGIBILITY

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

The City of Roseville has adopted the West Placer County GWMP The City of Sacramento consents to be subject to the Central Sacramento County GWMP. The City is signatory to the agency formed subsequent to the GWMP Placer County Flood Control and Water Conservation District consents to be subject to the West Placer County GWMP Placer County Water Agency has adopted the West Placer County GWMP Sacramento Suburban Water District consents to be subject to the Sacramento Groundwater Authority GWMP (SSWD is a member of SGA) Omochumne-Hartnell Water District consents to be subject to the Central Sacramento County GWMP. OHWD is a member of the agency formed subsequent to the GWMP Rancho Murieta Community Services District consents to be subject to the Central Sacramento County GWMP. RMCS D is a member of the agency formed subsequent to the GWMP The City of Elk Grove consents to be subject to the Central Sacramento County GWMP. The City is signatory to the agency formed subsequent to the GWMP

Q15. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

Yes.

Q16. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes.

Q17. ELIGIBILITY

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes.

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****A1. ATTACHMENT 1**

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_IG1_ARB_Eligible_1of3.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_IG1_ARB_Eligible_2of3.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments: Att1_IG1_ARB_Eligible_3of3.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_IG1_ARB_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_1of10.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_2of10.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_3of10.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_4of10.pdf

Upload additional work plan components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_5of10.pdf

A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4_IG1_ARB_Budget_1of1.pdf

Upload additional budget components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_6of10.pdf

Upload additional budget components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_7of10.pdf

Upload additional budget components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_8of10.pdf

Upload additional budget components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_9of10.pdf

A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att5_IG1_ARB_Schedule_1of1.pdf

Upload additional schedule components here.

Last Uploaded Attachments: Att3_IG1_ARB_WorkPlan_10of10.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6_IG1_ARB_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

A7. ATTACHMENT 7

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7_IG1_ARB_WSBen_1of1.pdf

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

A8. ATTACHMENT 8

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att8_IG1_ARB_WQOtherBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

A9. ATTACHMENT 9

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att9_IG1_ARB_DReduc_1of3.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Last Uploaded Attachments: Att9_IG1_ARB_DReduc_2of3.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Last Uploaded Attachments: Att9_IG1_ARB_DReduc_3of3.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

A10. ATTACHMENT 10

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att10_IG1_ARB_BSummary_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

A11. ATTACHMENT 11

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att11_IG1_ARB_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Last Uploaded Attachments: Att12_IG1_ARB_DAC_1of1.pdf

Upload additional Program Preference documentation here.

Last Uploaded Attachments: Att14_IG1_ARB_Consent_1of1.pdf

Upload additional Program Preference documentation here.

Last Uploaded Attachments: Att15_IG1_ARB_DeltaWater_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

A13. ATTACHMENT 13

Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att13_IG1_ARB_Certification_1of1.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.
